

(633) 1600

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/515,369B

DATE: 11/12/2001  
TIME: 14:51:59

Input Set : A:\09515369seqlisting.txt  
Output Set: N:\CRF3\11122001\I515369B.raw

# 15/12/12  
Raw Seq.  
list..

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4 <110> APPLICANT: Paul B. Fisher  
5 Malavi T. Medireddi  
7 <120> TITLE OF INVENTION: MELANOMA DIFFERENTIATION ASSOCIATED  
8 GENE-7 PROMOTER AND USES THEREOF  
11 <130> FILE REFERENCE: 34611 070050.1685  
13 <140> CURRENT APPLICATION NUMBER: 09/515,369B  
14 <141> CURRENT FILING DATE: 2000-02-29  
16 <160> NUMBER OF SEQ ID NOS: 13  
18 <170> SOFTWARE: FastSEQ for Windows Version 4.0  
20 <210> SEQ ID NO: 1  
21 <211> LENGTH: 2286  
22 <212> TYPE: DNA  
23 <213> ORGANISM: Human  
25 <400> SEQUENCE: 1  
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27 ccaaagcttg tactcataac tagattctca actgatgttg ggccaagggt cctaggttct 120  
28 ctcccttgacc ttcccttctga agtaataatg ctatgataag ctcatacgag gctgaggccc 180  
29 aggcacatgt ttgcctgaac tatccatgtt atatgattcc ttccctcagac agagtgagct 240  
30 actcacgatc ccaggtgtac cctgaggcca gccaagggtt atccatgacc tcatacctct 300  
31 gttccagcct gccctttaac agctcatccc acctgcctgc cctcccccggcc tatctgcaga 360  
32 cagtagtcta ggatttcagc tgccctgggg gtcattttc cctctcagct tcctgcttta 420  
33 gctgtctcct gcctcccaact cacctattac tccagcaact tcacctggc ttctttctg 480  
34 tctcatcaact gcctcttgac atctttatct catagtagtt agtttaggggt tcttggtaat 540  
35 gcctaaatc cacatggtgga gaagggggga gtgggggaag agagtgcgct gtggggctgt 600  
36 gcctacttct ggagggtaag actcgggccc tccaggaaca aaggattcag gctggtgca 660  
37 gctatagcca agcagactgc tggccaggga ttgcaaagga gtattttggt tgcttaagaa 720  
38 aataaaacaac actgagatgt agatggaggg aggggggtt ggtgccagag agattggaa 780  
39 gagtctgcca agggtgtgtt ctactcaactc tcctctttc tttcatctcc actgagctgg 840  
40 aggcaagttat cctgtcccc acgtcacatt cctactcccg ttcccattgc ctggacccag 900  
41 gttgggcaaa ctcttcctgt aaagaaccag acaggaacta ttttaggctc tttgtgcct 960  
42 atggtctcaag tcacaactac tcatctctgc ctctgttagca cggaaagcaat tagcaacaat 1020  
43 atgtcaacaa acatatgtga ccccatgaaa actttattta ttatggatac ggaaacctga 1080  
44 aaataatgtc tttcttttga tttttcccc aatcattaaa aaacgtaaaaa actactctta 1140  
45 ggtcgcaagg ttaagccatt ctcagcttag cagtggcagg ctggattttgg cttgtgaccc 1200  
46 acagttggcc aatccctgtat tcccaaaaatg tattcctctgc ggtatgtgggc aaatacttat 1260  
47 gggaaagtgtc ggattaaaca gagttaagaa gcatcagaca ttccaggac gggctagcac 1320  
48 atgccaggc tctctaactg acctcattgg attcatctgt ttcatggagg atcttgcaag 1380  
49 acaagaattc ctcaaaaccta gagtctgagg actgtgtttt gggaaacact gctctgttt 1440  
50 atgccctcac tgggcacatg gtagaatcta gagtctgagg cttgttagc tggagatagg 1500  
51 gtcagagctc ttgactgccc tgcagttt gacacatcac gtcgtctgt tcccttgagt 1560  
52 ggttcagagc cacacaggcc aagacttagcc caccagagca ccaggccctcc cagctttctg 1620  
53 ggcttgcatac tgcgtacatt tccttattttt tcctgggttc cagaacctaa ggagaggcac 1680  
54 attttggttt agtgattata acccttaggga ccatgggttag ctgcgtatgtt gggaaacactc 1740  
55 ctcaacttcc tggccctgtat ggattaaagg agaggtactt acaggttattt tcttcgtgt 1800  
56 ggactactgt cccagcatga atagggcatc attattgaat tattttgaca ggaaggagac 1860  
57 tggtgtatgc tgcacagtaa taatgttattt acatgtgtac agagttacc aagcacctct 1920  
58 gtgttgtttt tgccttggattt tattacactt gggacaaaattt tttaaaaattt atacatgcag 1980

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59 agactgcagc gcagagaagc taagagactt gcccctgccc acacagccag tggtagagcc 2040  
 60 tgaactcaa cccaggctc atctcaccc aggggctgct ttccccatcg ctgtattgtc 2100  
 61 cttaaagtga tgggtgacta ggcaatgaag taattctcta gaaaaggatg accaatttcc 2160  
 62 ctttctccac ctcctcttt ttccctccacc cctccccat cagccccat atatatgccc 2220  
 63 aaatctccac aaaggcttgc ttgcctgcaa accttactt ctgaaatgac ttccacggct 2280  
 64 gggacg 228  
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 66 <211> LENGTH: 21  
 67 <212> TYPE: DNA  
 68 <213> ORGANISM: Artificial Sequence  
 69 <220> FEATURE:  
 70 <223> OTHER INFORMATION: Oligonucleotide primer  
 71 <400> SEQUENCE: 2  
 72 cgtcccagcc gtggaagtca t 21  
 73 <210> SEQ ID NO: 3  
 74 <211> LENGTH: 21  
 75 <212> TYPE: DNA  
 76 <213> ORGANISM: Artificial Sequence  
 77 <220> FEATURE:  
 78 <223> OTHER INFORMATION: Oligonucleotide primer  
 79 <400> SEQUENCE: 3  
 80 aggctggatt tggcttgtga c 21  
 81 <210> SEQ ID NO: 4  
 82 <211> LENGTH: 21  
 83 <212> TYPE: DNA  
 84 <213> ORGANISM: Artificial Sequence  
 85 <220> FEATURE:  
 86 <223> OTHER INFORMATION: Oligonucleotide primer  
 87 <400> SEQUENCE: 4  
 88 ctgttaatc cagcacttcc c 21  
 89 <210> SEQ ID NO: 5  
 90 <211> LENGTH: 21  
 91 <212> TYPE: DNA  
 92 <213> ORGANISM: Artificial Sequence  
 93 <220> FEATURE:  
 94 <223> OTHER INFORMATION: Oligonucleotide primer  
 95 <400> SEQUENCE: 5  
 96 cgcttgatga ctcagccgga a 21  
 97 <210> SEQ ID NO: 6  
 98 <211> LENGTH: 20  
 99 <212> TYPE: DNA  
 100 <213> ORGANISM: Artificial Sequence  
 101 <220> FEATURE:  
 102 <223> OTHER INFORMATION: Oligonucleotide  
 103 <400> SEQUENCE: 6  
 104 <210> SEQ ID NO: 7 20  
 105 <211> LENGTH: 21  
 106 <212> TYPE: DNA  
 107 <213> ORGANISM: Artificial Sequence  
 108 <220> FEATURE:  
 109 <223> OTHER INFORMATION: Oligonucleotide  
 110 <400> SEQUENCE: 7  
 111 tgcagattgc gcaatctgca 20  
 112 <210> SEQ ID NO: 8  
 113 <211> LENGTH: 21  
 114 <212> TYPE: DNA  
 115 <213> ORGANISM: Artificial Sequence  
 116 <220> FEATURE:  
 117 <223> OTHER INFORMATION: Oligonucleotide  
 118 <400> SEQUENCE: 8  
 119 <210> SEQ ID NO: 9  
 120 <211> LENGTH: 21  
 121 <212> TYPE: DNA

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## RAW SEQUENCE LISTING

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124 <213> ORGANISM: Artificial Sequence
126 <220> FEATURE:
127 <223> OTHER INFORMATION: Oligonucleotide
129 <400> SEQUENCE: 7
130 cgcttgatga ctggccgga a 21
132 <210> SEQ ID NO: 8
133 <211> LENGTH: 20
134 <212> TYPE: DNA
135 <213> ORGANISM: Artificial Sequence
137 <220> FEATURE:
138 <223> OTHER INFORMATION: Oligonucleotide
140 <400> SEQUENCE: 8
141 tgcagagact agtctctgca 20
143 <210> SEQ ID NO: 9
144 <211> LENGTH: 61
145 <212> TYPE: RNA
146 <213> ORGANISM: Artificial Sequence
148 <220> FEATURE:
149 <221> NAME/KEY: misc_feature
150 <222> LOCATION: (1)...(61)
151 <223> OTHER INFORMATION: AUUUA consensus sequences from mda-7 3' UTR
153 <400> SEQUENCE: 9
154 uuguauuuau uacaacucua uuuuauuaau gucaguauuu caacugaagu ucuauuuauu 60
155 u 61
157 <210> SEQ ID NO: 10
158 <211> LENGTH: 15
159 <212> TYPE: RNA
160 <213> ORGANISM: Artificial Sequence
162 <220> FEATURE:
163 <221> NAME/KEY: misc_feature
164 <222> LOCATION: (1)...(15)
165 <223> OTHER INFORMATION: AUUUA consensus sequences from alpha-interferon 3'
166 UTR
168 <400> SEQUENCE: 10
169 uauuuauuuua uuuua 15
171 <210> SEQ ID NO: 11
172 <211> LENGTH: 51
173 <212> TYPE: RNA
174 <213> ORGANISM: Artificial Sequence
176 <220> FEATURE:
177 <221> NAME/KEY: misc_feature
178 <222> LOCATION: (1)...(51)
179 <223> OTHER INFORMATION: AUUUA consensus sequences from
180 granulocyte-monocyte colony stimulating factor 3'
181 UTR
183 <400> SEQUENCE: 11
184 uaaauauuuau auauuuauau uuuuaaaaaua uuuauuuauu uauuuauuuua a 51
186 <210> SEQ ID NO: 12
187 <211> LENGTH: 34

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Input Set : A:\09515369seqlisting.txt  
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188 <212> TYPE: RNA  
189 <213> ORGANISM: Artificial Sequence  
191 <220> FEATURE:  
192 <221> NAME/KEY: misc\_feature  
193 <222> LOCATION: (1)...(34)  
194 <223> OTHER INFORMATION: AUUUA consensus sequences from tumor necrosis  
195 factor 3' UTR  
197 <400> SEQUENCE: 12  
198 auuuuuuuauu auuuauuuau uauuuauuuua uuuua 34  
200 <210> SEQ ID NO: 13  
201 <211> LENGTH: 56  
202 <212> TYPE: RNA  
203 <213> ORGANISM: Artificial Sequence  
205 <220> FEATURE:  
206 <221> NAME/KEY: misc\_feature  
207 <222> LOCATION: (1)...(56)  
208 <223> OTHER INFORMATION: AUUUA consensus sequences from fos proto-oncogene  
209 3' UTR  
211 <400> SEQUENCE: 13  
212 guuuuuuauu uauuuauuaa gauggauucu cagauauua uauuuuuauu uuauuu 56

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/09/515,369B

DATE: 11/12/2001

TIME: 14:52:00

Input Set : A:\09515369seqlisting.txt  
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